



FEMA



Prepared by
Cindy Elsenheimer

FEMA Region 6 Weather Threat Briefing

Friday, April 19, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **No significant weather impacts expected.**

Saturday - Sunday

- **Elevated to critical fire weather conditions possible across S NM/W TX.**
- **Strong to severe thunderstorms possible across N OK on Sunday.**

Monday - Tuesday

- **Severe thunderstorms and heavy rainfall/isolated flash flooding possible across OK into N TX and the TX Panhandle.**

River Flooding

- **Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.**
 - **Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.**
 - **Current forecasts show levels will continue to fall into next week. These forecast ONLY capture rainfall or water moving downstream expected in the next 24 hours.**
- **Minor to moderate flooding occurring across NE/E TX, LA and AR.**

FEMA Region 6 Threat Matrix

Apr 19, 2019 – Apr 23, 2019



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms			N OK		OK/NTX & Panhandle
Heavy Rain / Flash Flooding					OK/NTX & Panhandle
Winter Weather					
Fire Weather		S NM/WTX	WTX		
River Flooding	LA	LA	LA	LA	LA
	AR/N LA/NE & ETX	AR/N LA/NE & ETX	AR/N LA/NE & E TX	AR/N LA	AR/N LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

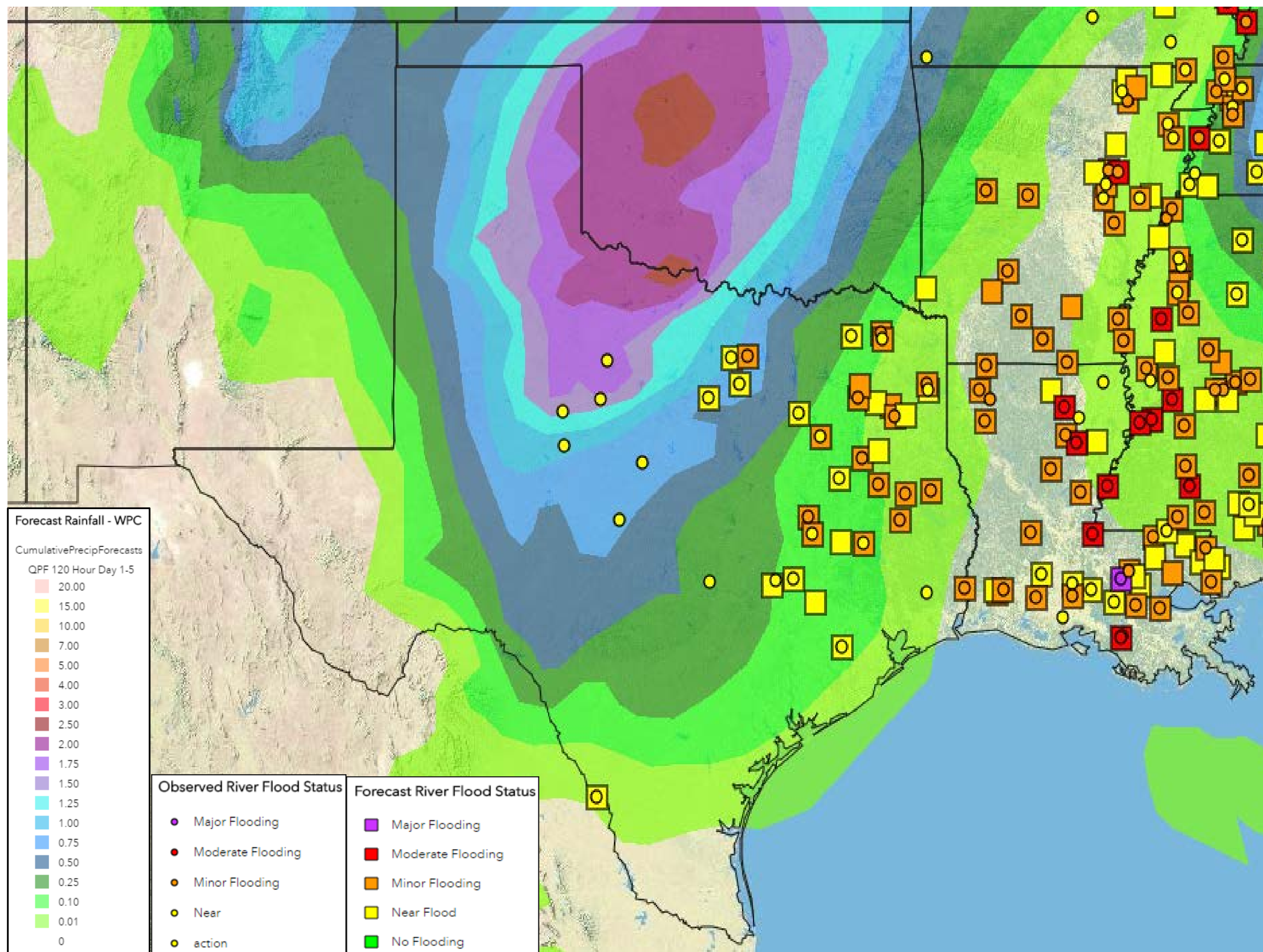
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- **MS River at Baton Rouge is at Major flood.** Shipping and industrial activities are significantly affected.
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans.** It will remain open until further notice. No impacts are noted.

Minor to Moderate river flooding is occurring along the Ouachita and Bouef Rivers and the Bayou Dorcheat in LA. No major impacts expected.

Minor river flooding will continue into next week along MS River in E AR.

Note: Current forecasts ONLY account for rainfall in the 24 hour period.

Minor flooding ongoing across AR and NE/E TX with no major impacts expected.

Today's Weather

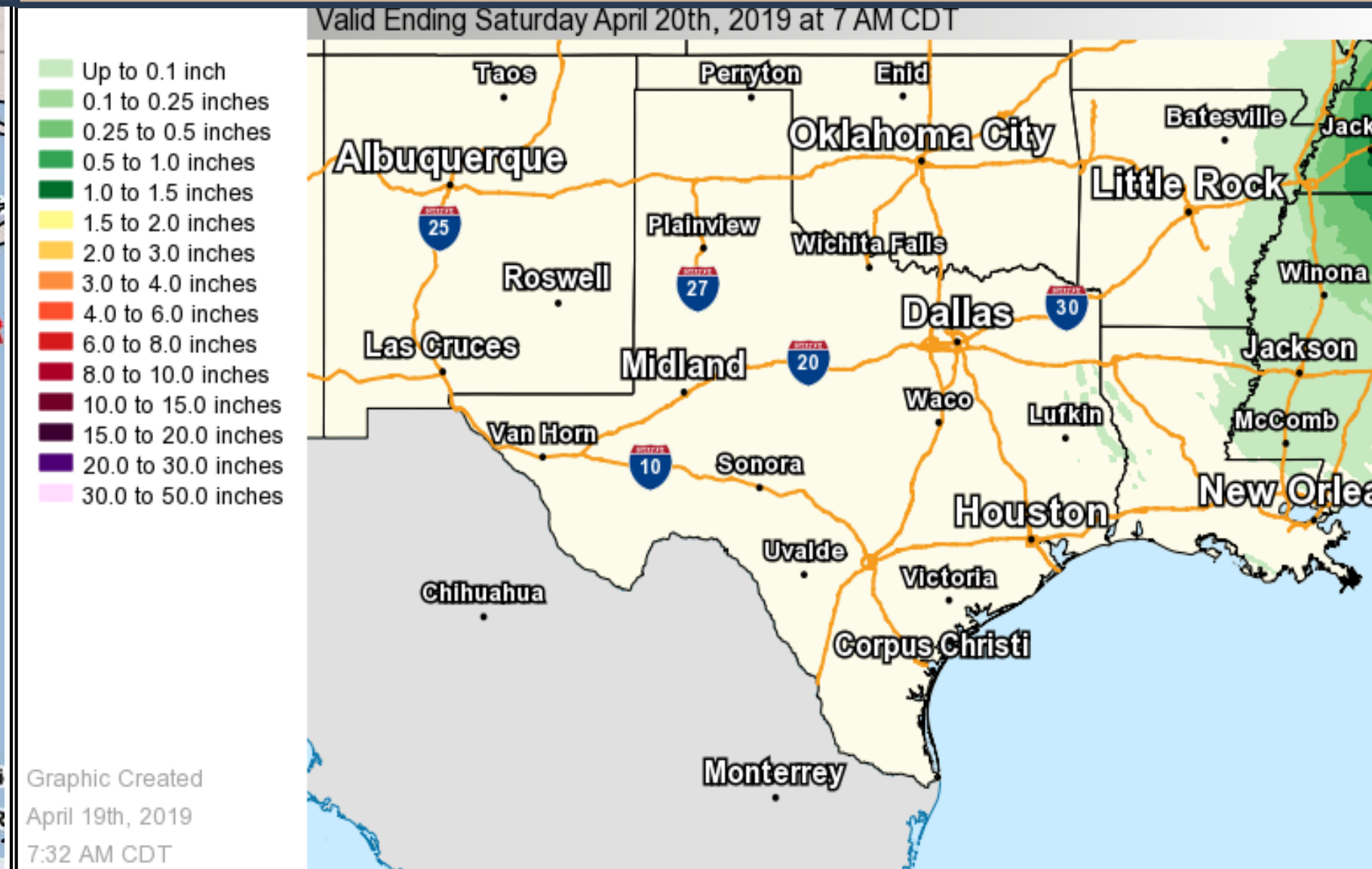
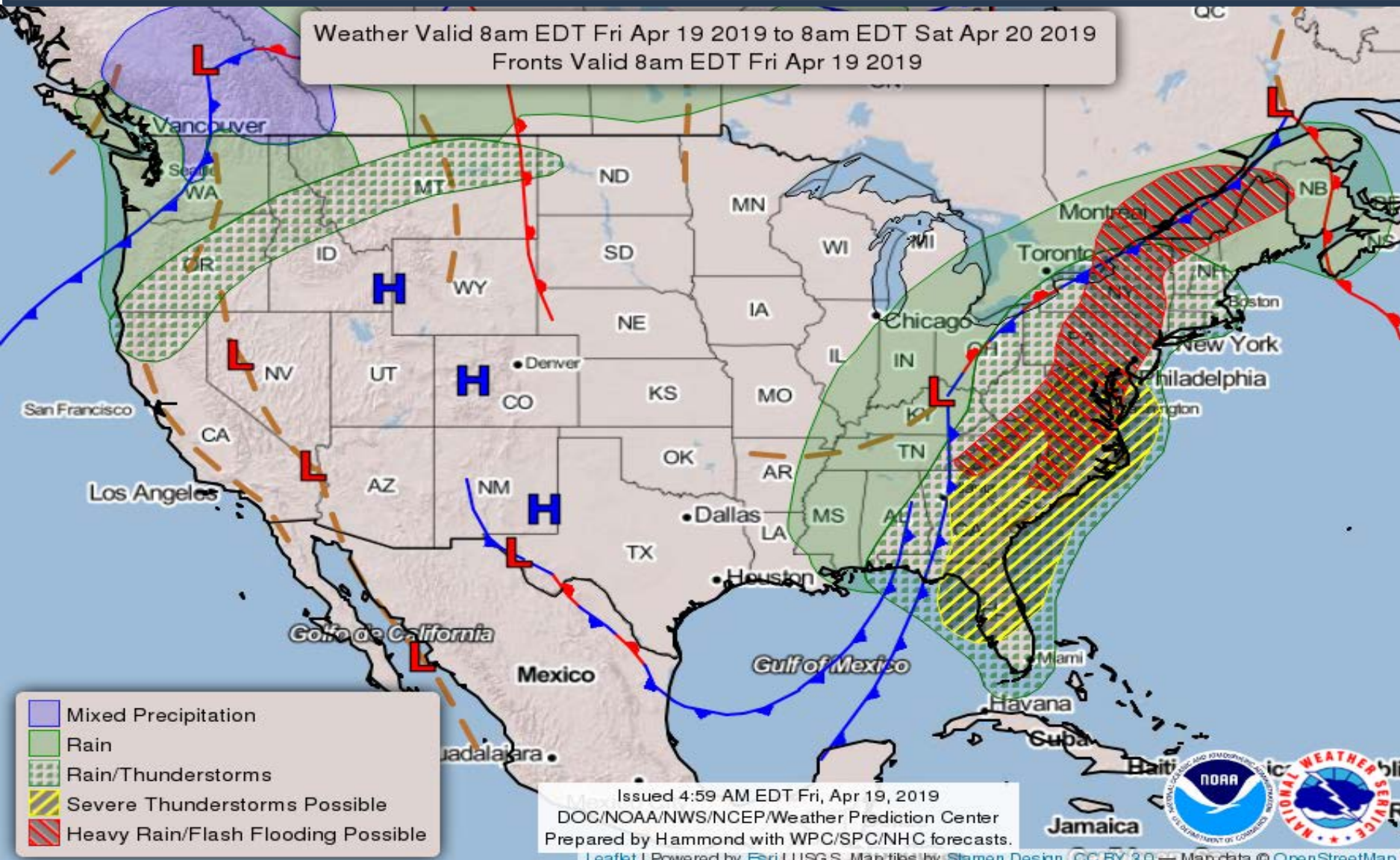


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Forecast Chart

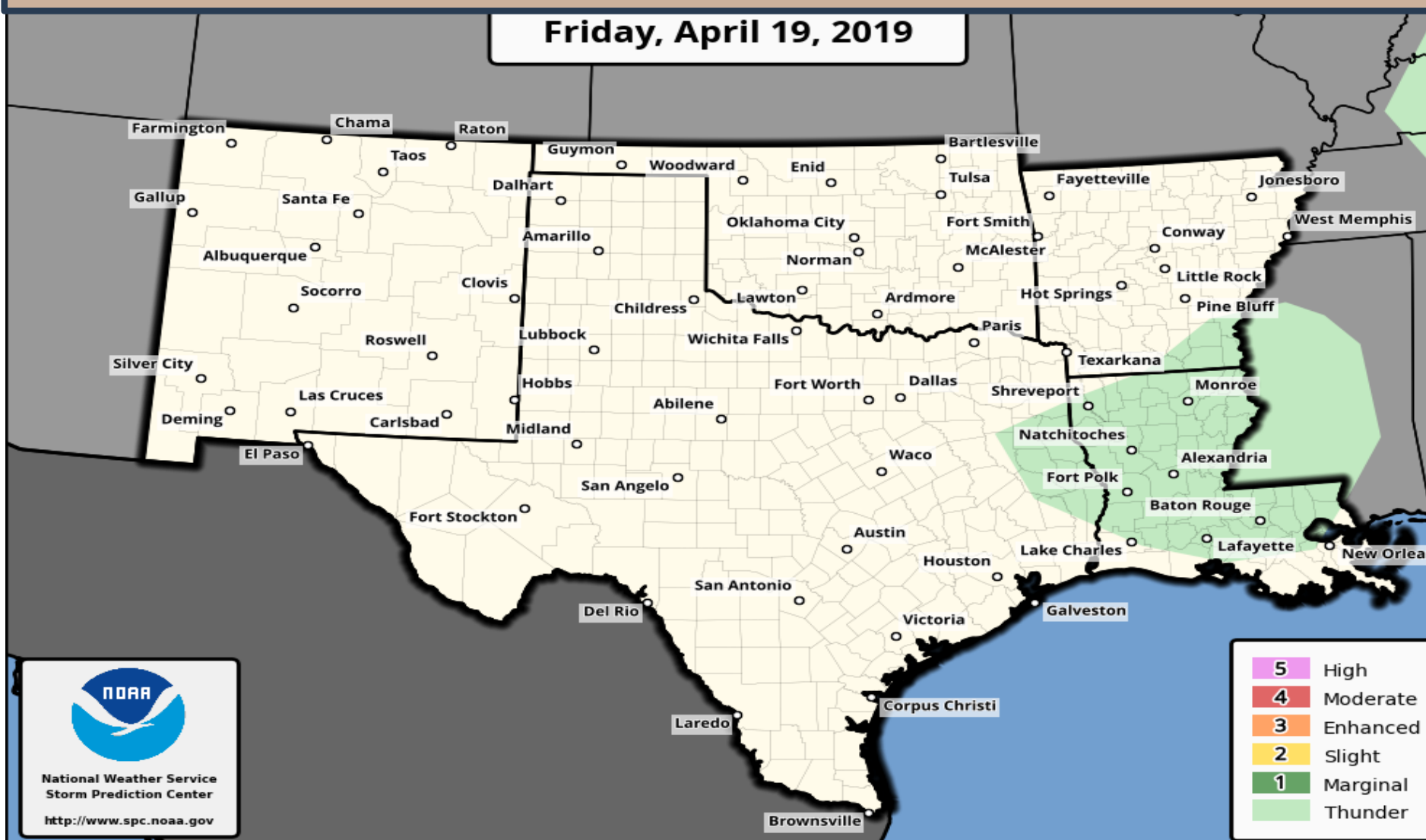
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

Excessive Rainfall Outlook



Tomorrow's Weather

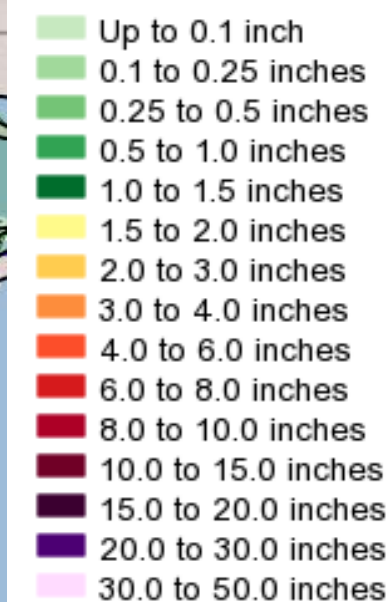
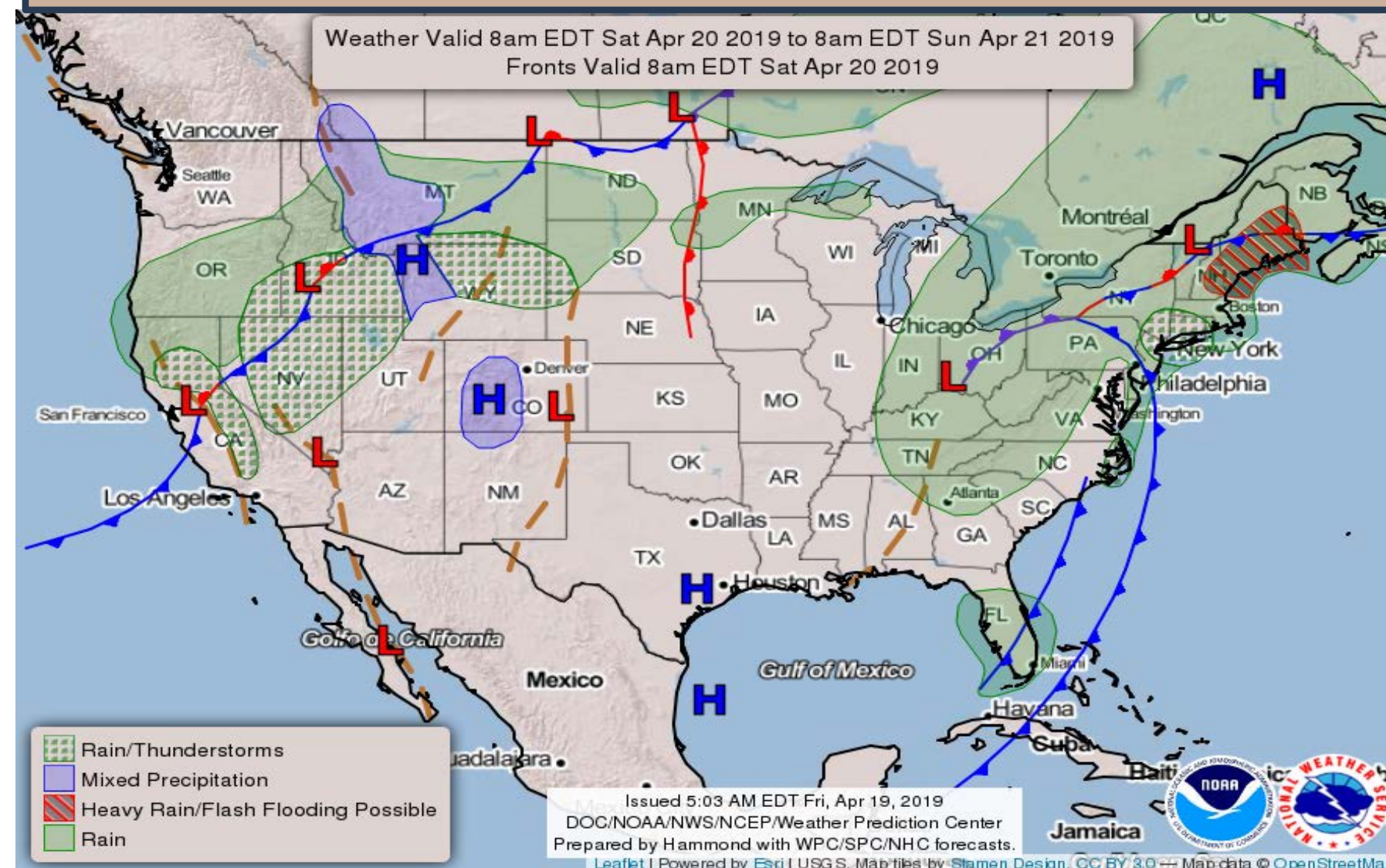


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Forecast Chart

Forecast Rainfall

No significant weather impacts expected.

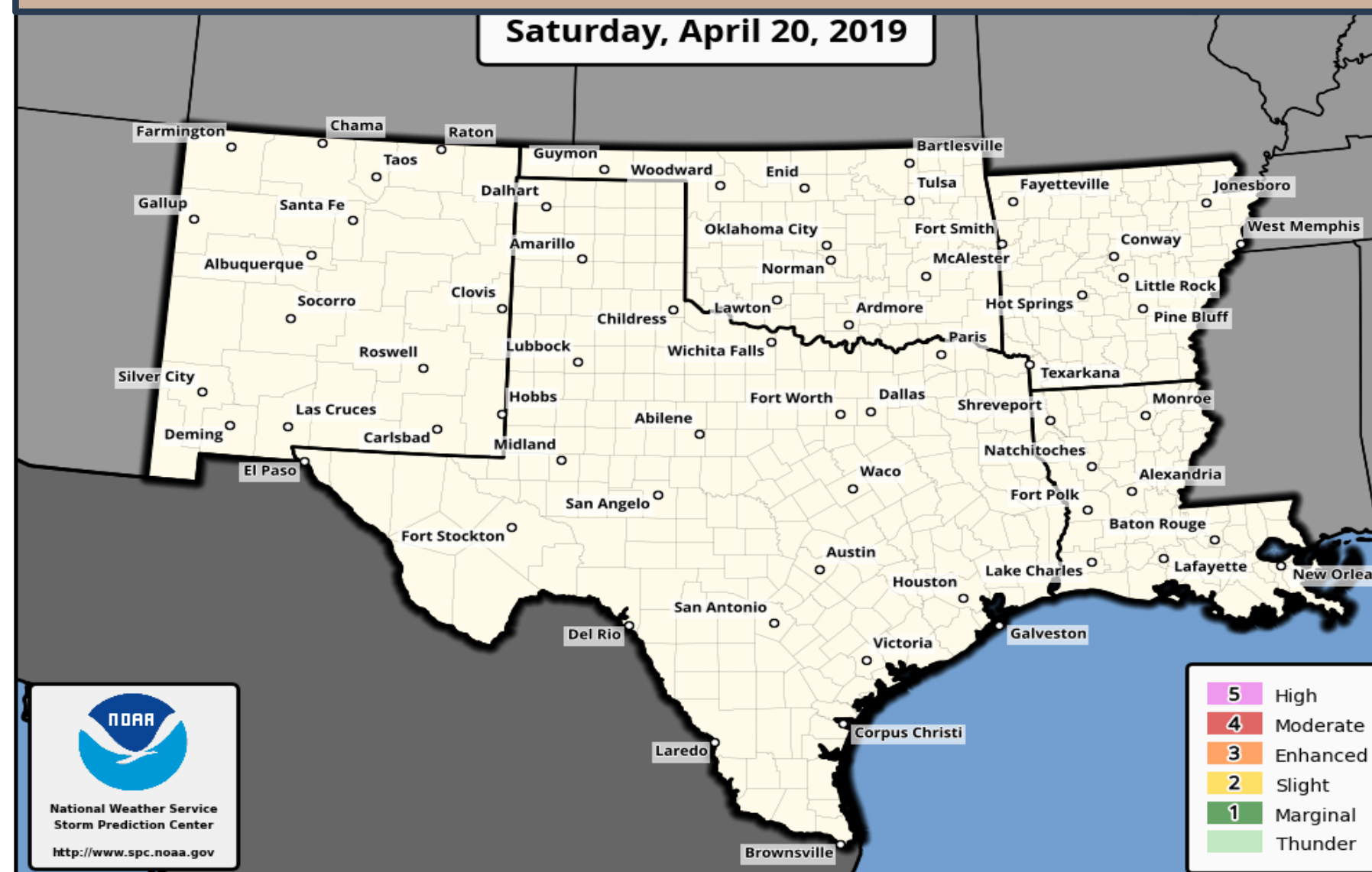


Graphic Created
April 19th, 2019
7:34 AM CDT



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
April 19th, 2019
7:34 AM CDT

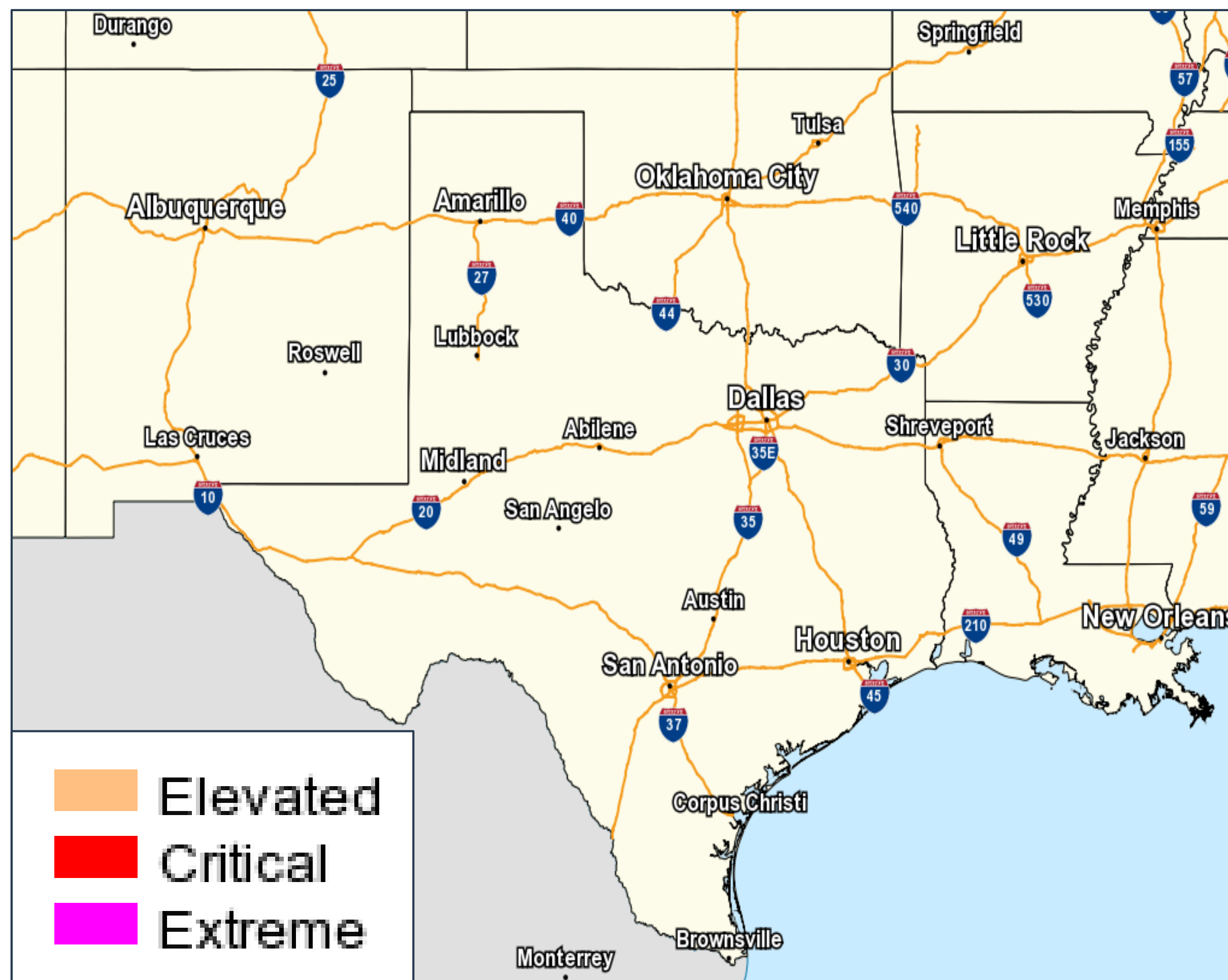


Fire Weather Outlooks

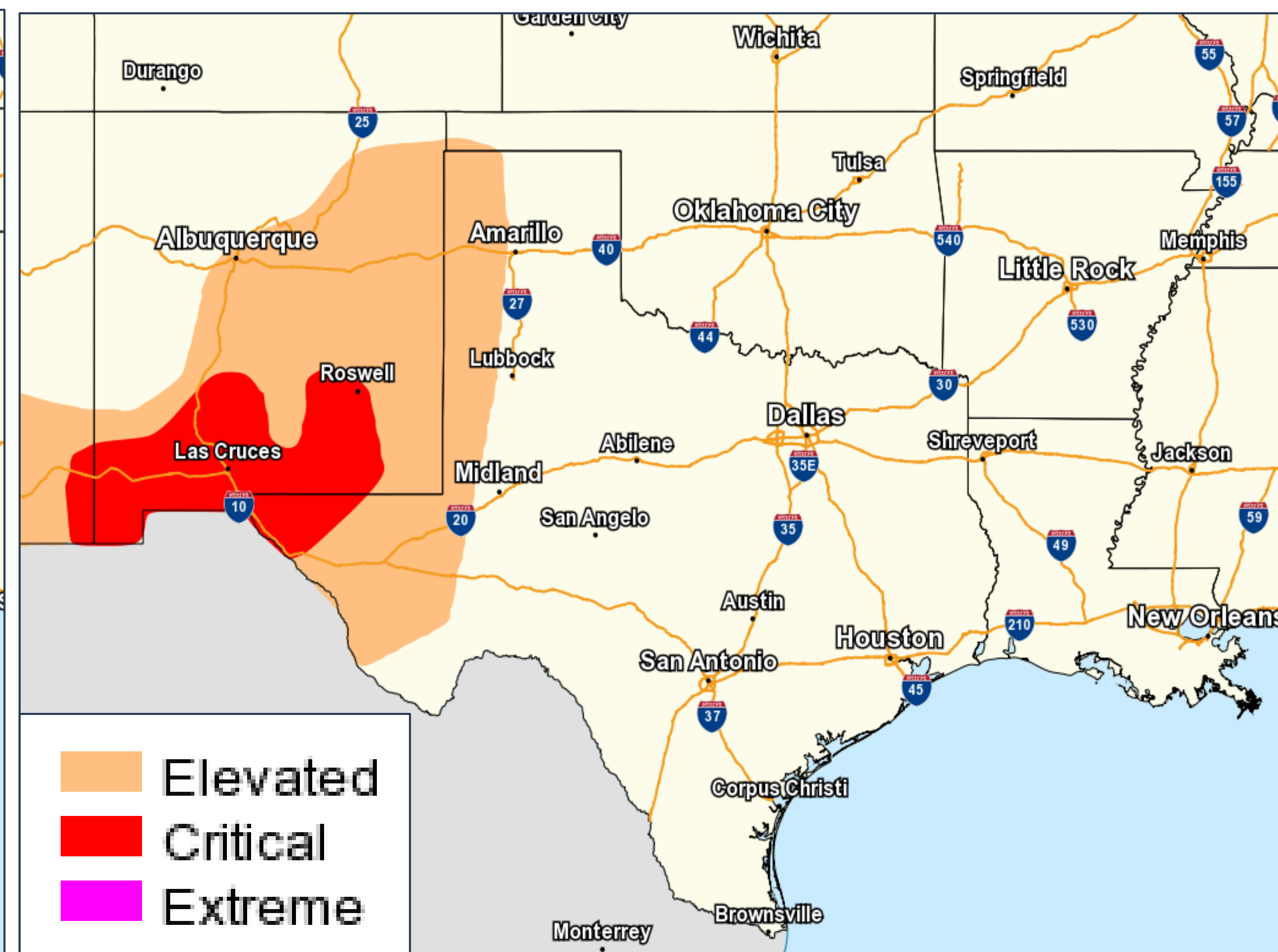


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Today's Fire Weather Outlook

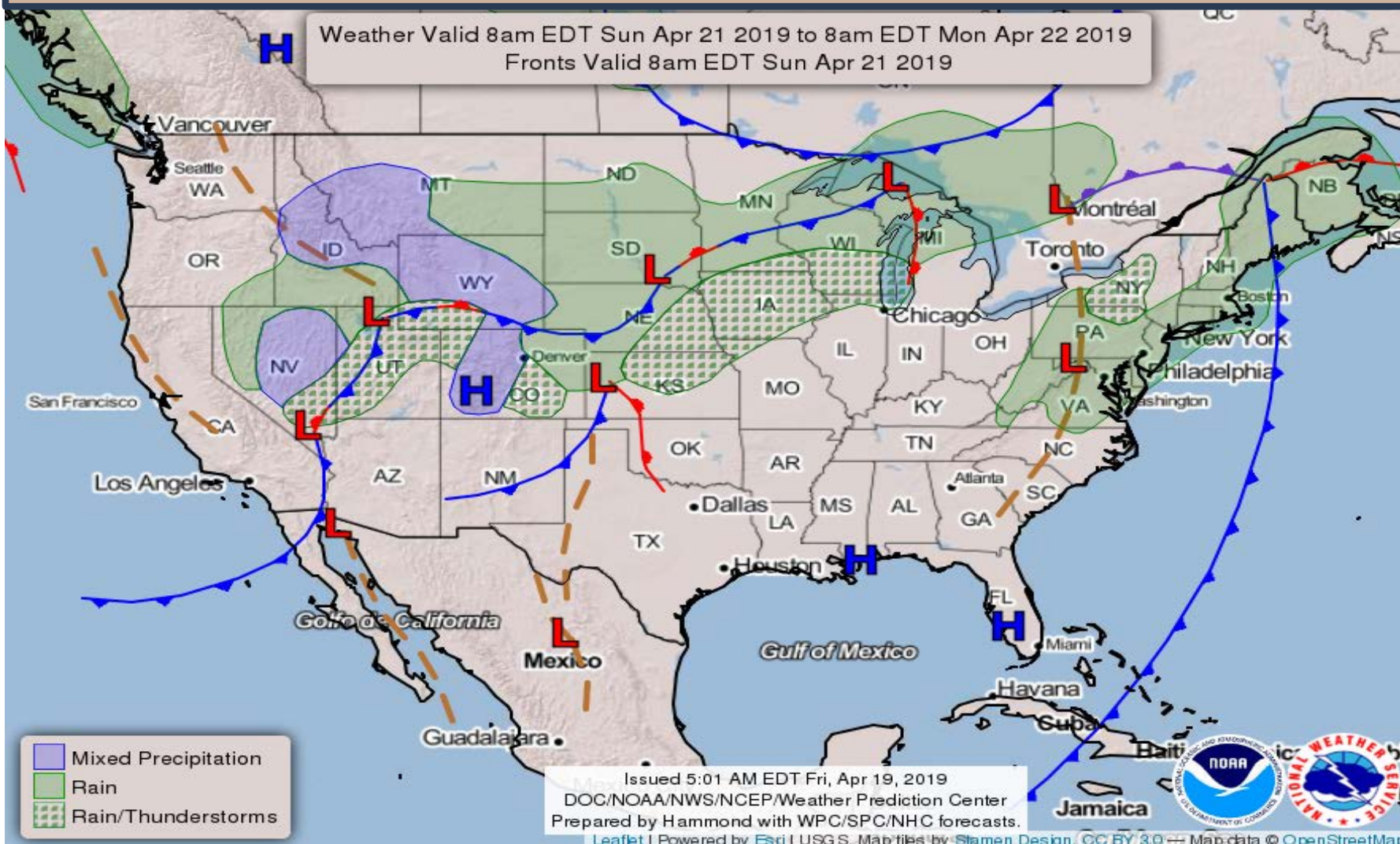


Tomorrow's Fire Weather Outlook

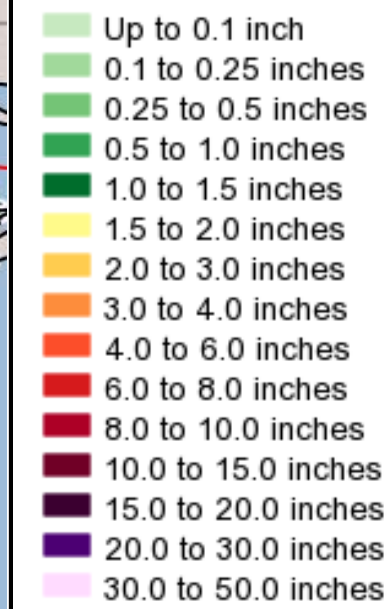


Sunday's Weather

Forecast Chart



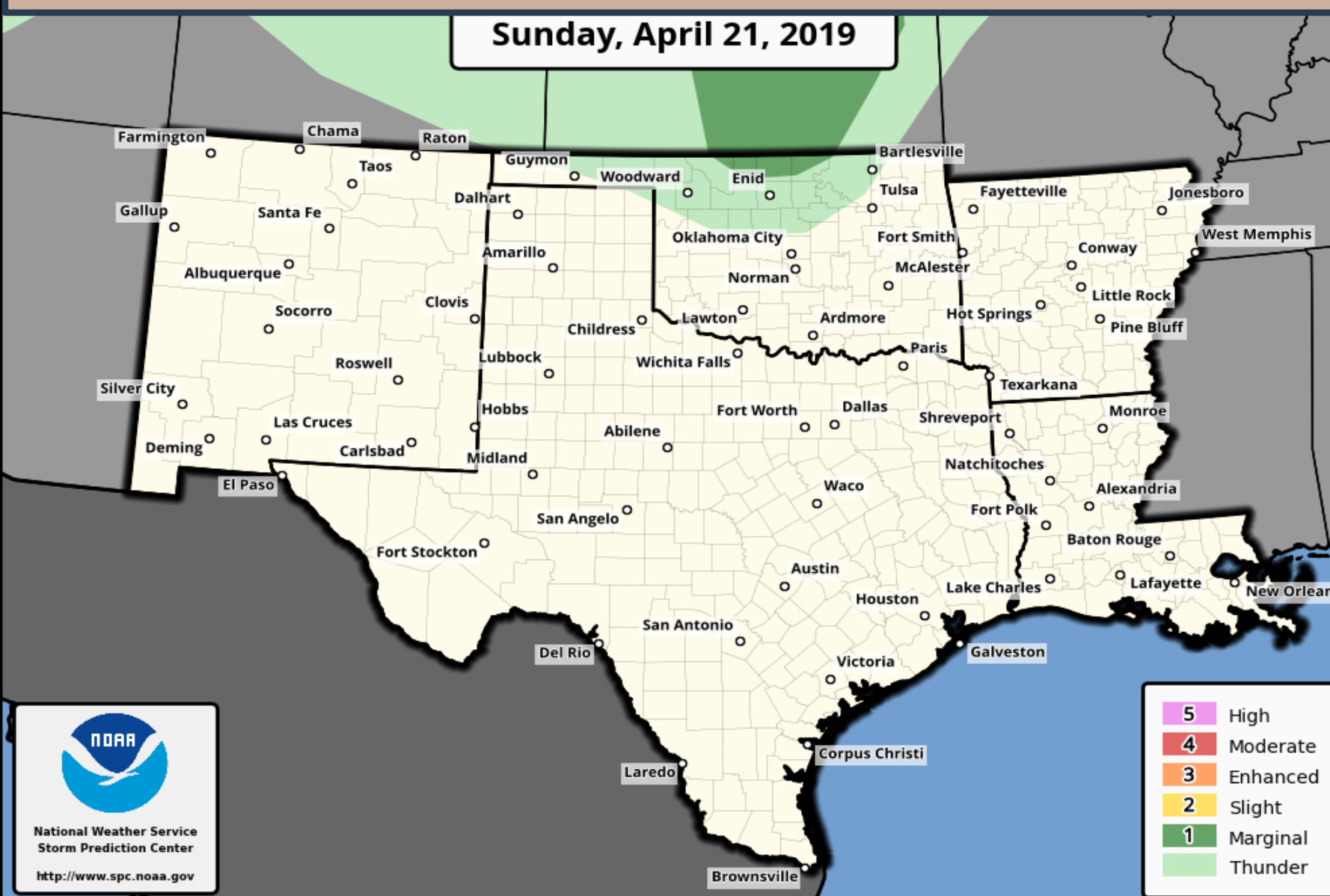
Forecast Rainfall



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Marginal risk of severe thunderstorms across N OK.

Severe Weather Outlook



Excessive Rainfall Outlook

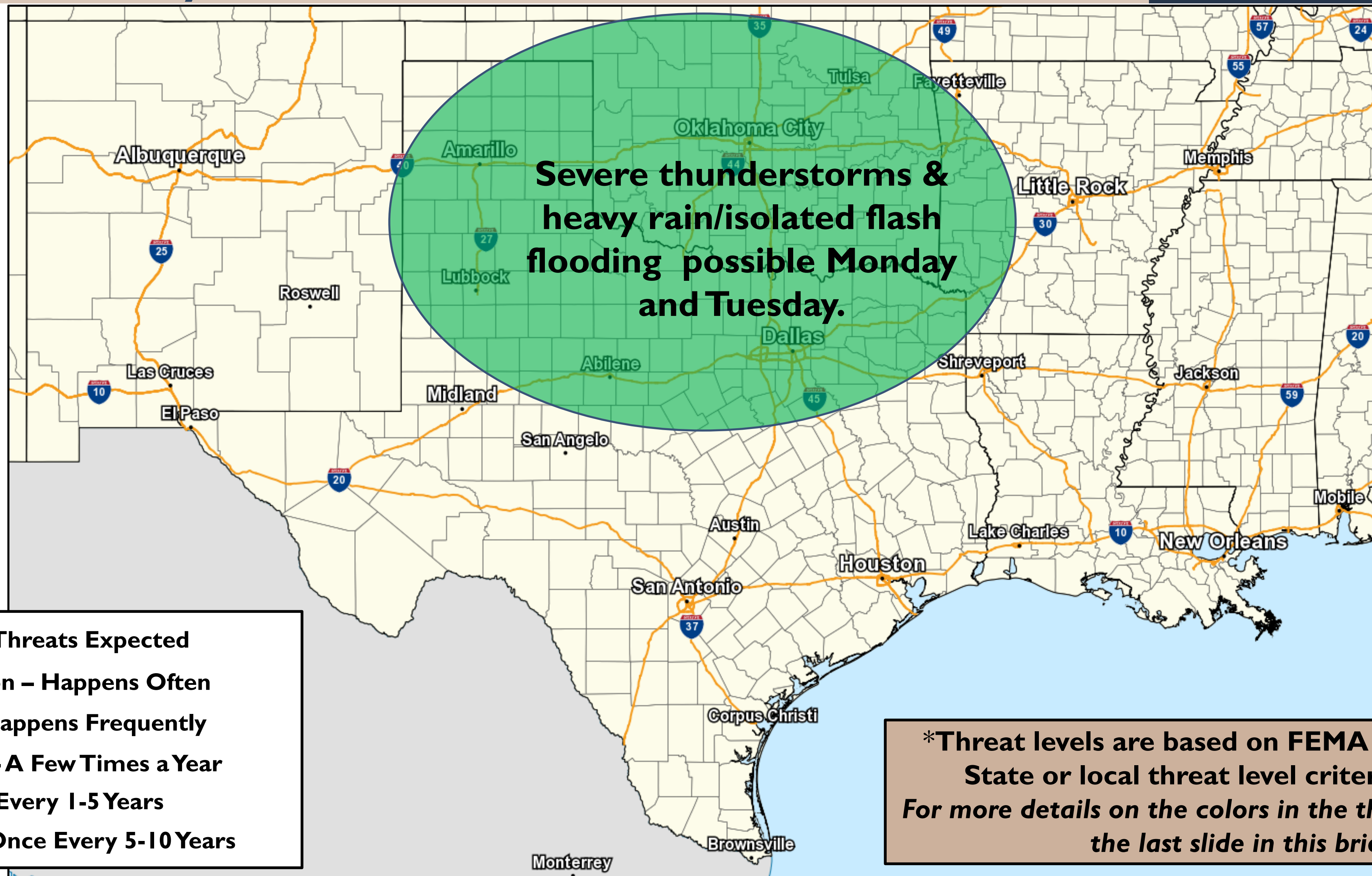


Days 4-5 Weather Hazards

Monday – Tuesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.***
*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

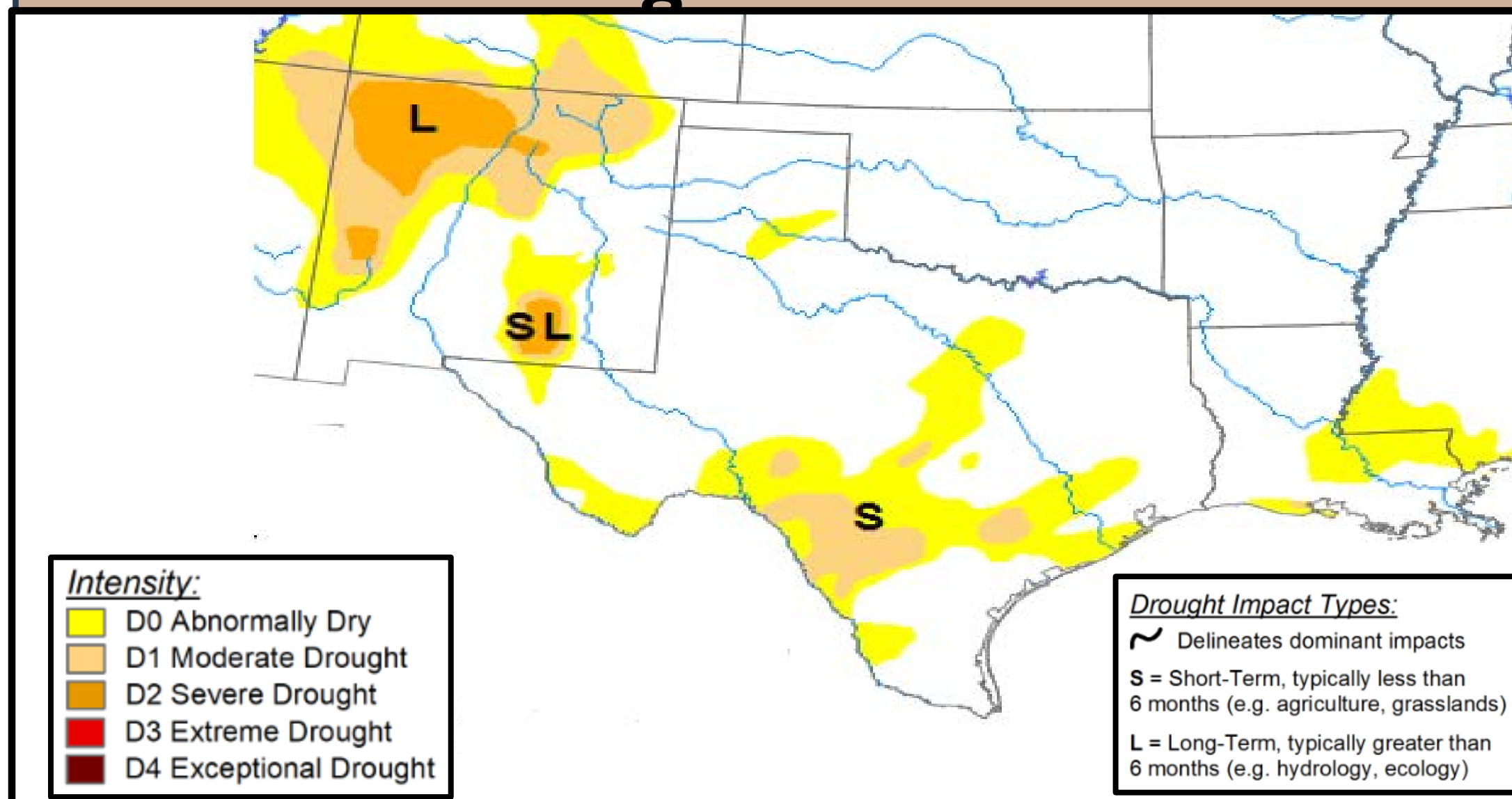
Drought Monitor (Released April 18, 2019)



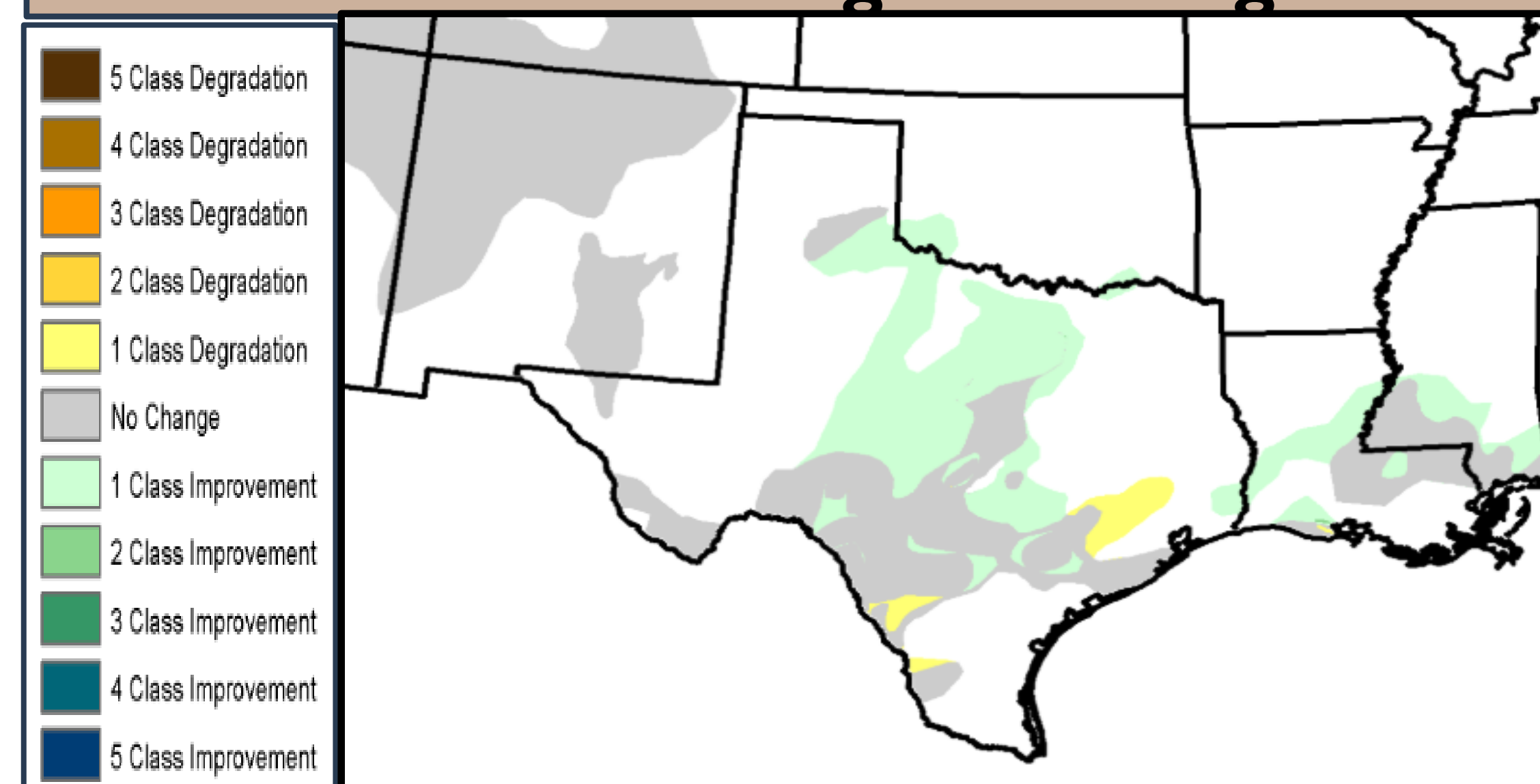
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Data valid as of 7am EST, Tuesday, April 16, 2019

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

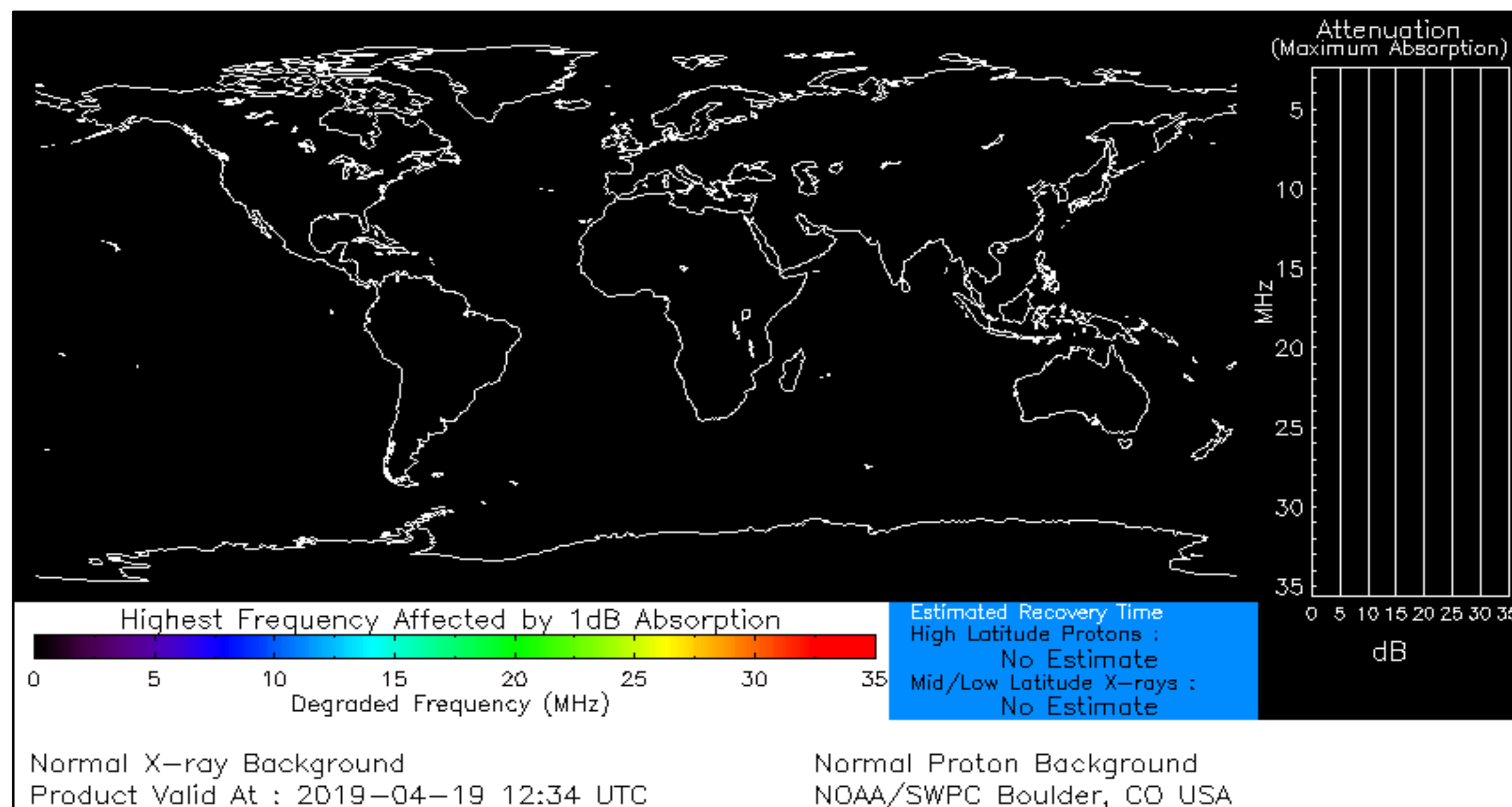
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	19.67%	45.97%
Oklahoma	0.00%	0.00%	0.00%	35.54%
Texas	0.00%	0.00%	0.96%	13.70%

Space Weather 3-Day Forecast



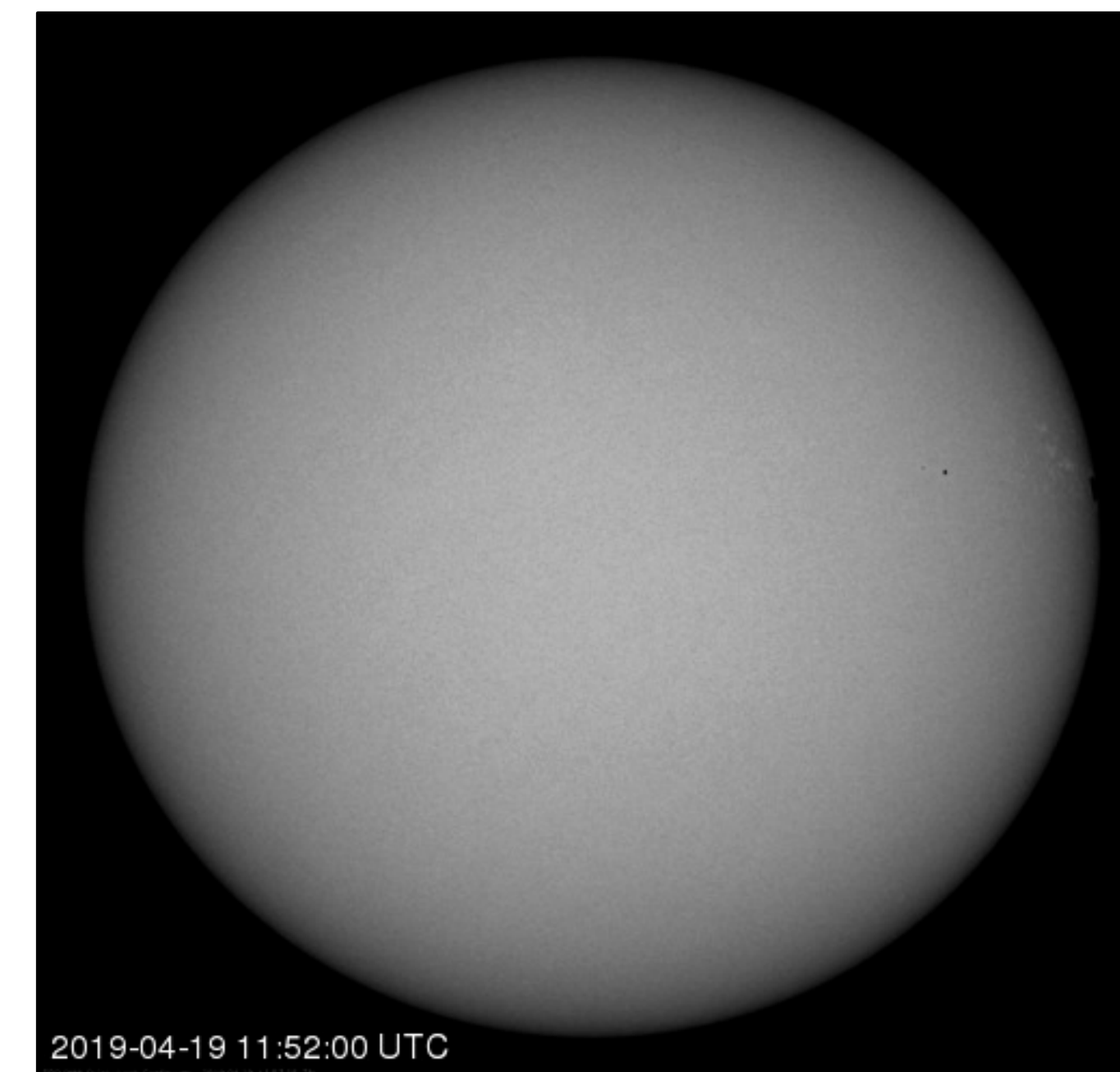
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov